



Missouri
Department of
Natural Resources

Loess Hills Farm LLC
Power Plant Name: Loess Hills Wind Farm LLC
Electric Generation and Emissions in 2010

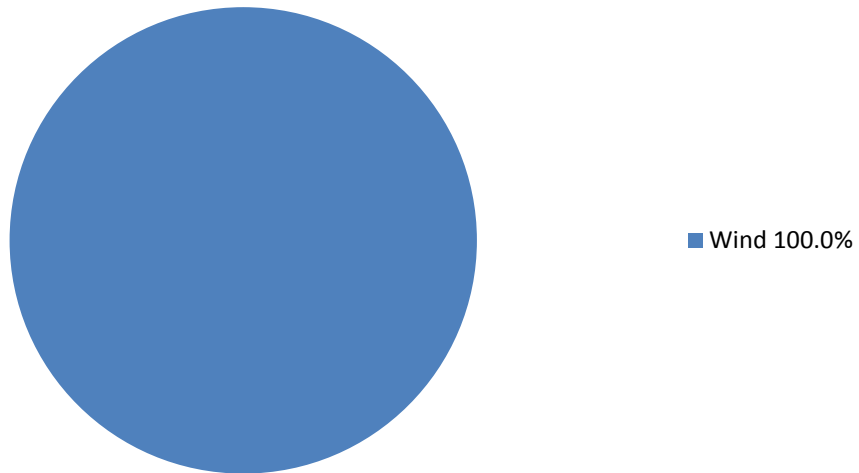
Generation Tables

	Fuel Consumption, MMBTUs	Percent of Total		Net Electric Power Generated, MWh	Percent of Total	
Non-renewable sources						
Coal						
Natural Gas						
Petroleum						
Nuclear						
Other						
Non-renewable total						
Renewable sources						
Biomass						
Hydroelectric						
Landfill Gas						
Solar						
Waste Fuels						
Wind	80,643	100.0%	100.0%	8,266	100.0%	100.0%
Wood						
Renewable total	80,643	100.0%	100.0%	8,266	100.0%	100.0%
Grand total	80,643		100.0%	8,266		100.0%

Fuel Type	Physical Units	Number of Units
Wind	MMBTU	80,643



Net Generation by Fuel Type, 2010 for Loess Hills Wind Farm LLC





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Power Plant Nameplate information for Loess Hills Wind Farm LLC

Plant Name	County Location	Generator	Generator Type	Generator Status	Nameplate Capacity (MW)
<i>Loess Hills Wind Farm LLC</i>		<i>All Operating Generators</i>			<i>20.0</i>
Loess Hills Wind Farm LLC	Atchison	1	Wind Turbine, Onshore	Operating - in service	20.0



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Emissions from Electricity Generated in 2010: Loess Hills Wind Farm LLC

	CO2 Equivalent (TONS)	Carbon Dioxide (CO2) (TONS)	Methane (CH4) (TONS)	Nitrogen Dioxide (NO2) (TONS)
Loess Hills Wind Farm LLC	0	0	0	0

	Sulfur Dioxide (SO2) (TONS)	Annual Nitrogen Oxide (NOx) (TONS)	Summer Nitrogen Oxide (NOx) (TONS)
Loess Hills Wind Farm LLC	0	0.0000	0.0000

Identified Flue Gas Desulfurization (FGD) controls installed on Loess Hills Wind Farm
LLC power plant

Plant	Control Equipment	Sorbent Type
	No FGD Controls Installed	

Identified Flue Gas Particulate (FGP) controls installed on Loess Hills Wind Farm LLC
power plant

Plant	Control Equipment
	No FGP Controls Installed



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Notes:

Generation, emissions and pollution control data include power plants owned by the utility and located in Missouri.

Emissions data calculated by Missouri Department of Natural Resources, Division of Energy, from EIA Fuel Consumption Data

Fuel Consumption and Generation Data from United States Energy Information Administration, Form 923, United States Department of Energy
<http://www.eia.gov/electricity/data/eia923>

Pollution control data (FGD and FGP equipment) from United States Energy Information Administration, Form 860, United States Department of Energy
<http://www.eia.gov/electricity/data/eia860/index.html>

Emissions factors for fuel-based generation from United States Environmental Protection Agency "Emission Factors for Greenhouse Gas Inventories", November 7, 2011,
<http://www.epa.gov/climateleadership/documents/emission-factors.pdf>